

**Masters of Architecture & Masters of Advanced Architectural Design
Thesis Symposium Spring 2020**

May 11th, 2020
12:30 - 4:00pm

Craft, Systems Design & Human Interaction

Intro

Kyle Bancroft, M.Arch
Interlock'd: Traditional Craft in the Era of Automated Fabrication

Shang Liu, MAAD
Kerf Bending Pavilion: Creating a Roof Structure through Kerf Bending Plywood Sheets Pattern Design

Shailaja Patel, M.Arch
RE_Packaging Architecture: A flat-packed sheltering kit for resiliency during natural and man-made disasters

Panel Discussion

Sustainability: Passive & Responsive Systems

Intro

Joao Castro, M.Arch
High Cube Passive House: Retrofitting Shipping Containers Into Passive House Criteria

Jichen Wang, MAAD
Photon Facade: A light responsive facade system design with computational evaluation

Panel Discussion

May 12th, 2020
12:30 - 4:00 pm

Space Aggregation, Density, & Experience

Intro

Zhiheng Jiao, MAAD
Generative design system for space aggregation: A new design work flow that enabled by a generative design framework

Joonyoung Choi, MAAD
The Green Fabric: Layered and Adaptive Green Infrastructure for Seoul

Lan Wei, M.Arch
Connecting by Rabbit Holes: Building experiential connections by Integrated Media Environment and a Distributed Public Space System

Panel Discussion

Social Sustainability & Adaptive Reuse

Intro

Ever Clinton, M.Arch
Social Sustainability: A Radically Inclusive Process for Engaging Economically Divested Neighborhoods

Ryan Smerker, M.Arch
Reactivating the Abandoned: The art of blending in at Carrie Furnace

Panel Discussion